ZORA

USER MANUAL

INTRODUCTION

Thank you for choosing this Cue Lighting item. Before you start please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

SAFETY INSTRUCTIONS

CAUTION!

♦ Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

♦ Unpack and check carefully there is no transportation damage before using the unit.

♦ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

♦ It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

♦ The unit is for indoor use only. Use only in a dry location.

♦ The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.

♦ Disconnect mains power before fuse/lamp replacement or servicing.

♦ Replace fuse/lamp only with the same type.

♦ Make sure there is no flammable materials close to the unit while operating as it is fire hazard.

♦ Use safety cable when flying this unit.

♦ Maximum ambient temperature is TA: 40°C. Don't operate it where the temperature is higher than this.

♦ In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance centre.

Always use the same type spare parts.

Please read carefully the instructions, which includes important information about the installation, usage and maintenance.

♦ Don't connect the device to any dimmer pack.

♦ Do not touch any wire during operation as high voltage might cause electric shock

Features:

Four operation modes: DMX 512 protocol, auto and master/slave and sound active operating in various modes to form different led effects.

DMX-512 connection / connection between fixtures

XLR-connection:

If you are using controllers with this light, you can connect the DMX-output of the controller directly with the DMX-input of the first fixture in the DMX-chain. If you wish to connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

Building a serial DMX-chain:

Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.

Optional: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

Connection with the mains

Connect the device to the mains with the enclosed power supply cable.

OPERATION

1. DMX 512 protocol

Addressing

The LED DISPLAY on the rear side of the base allows you to assign the DMX fixture address, which is defined as the first channel from which the item will respond to the controller. If you set, for example, the address to channel 7, the item will use channel 7 to 14 for control. Please, be sure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data link. If two, three or more items are addressed similarly, they will work similarly. At DMX mode you can choose the address from 1 to 512. After you connect the item to the mains, the item starts running. When the item finishes resetting, d-001 will flash in the led display you can then set the desired DMX address by pressing the UP or DOWN buttons.

DMX Controlling:

After having addressed all items, you may now start operating these via your lighting controller. After switching on, the item will automatically detect whether DMX 512 data is received or not.

Nine DMX channels:

Channel 1: led output 1

1-14	off
15-29	red
30-44	green
45-59	red+green
60-74	blue
75-89	red+blue
90-104	red+green
105-119	red+green+blue
120-134	white

135-149 red+white
150-164 green+white
165-179 red+green+white
180-194 blue+white
195-209 red+blue+white
210-224 green+blue+white
225-239 red+green+blue+white
240-254 off
255 red

Channel 2: led output 2

1-14 off
15-29 red
30-44 green
45-59 red+green
60-74 blue
75-89 red+blue
90-104 red+green
105-119 red+green+blue
120-134 white
135-149 red+white
150-164 green+white
165-179 red+green+white
180-194 blue+white
195-209 red+blue+white
210-224 green+blue+white
225-239 red+green+blue+white
240-254 off
255 red

Channel 3: led output 3

1-14 off
15-29 red
30-44 green
45-59 red+green
60-74 blue
75-89 red+blue
90-104 red+green
105-119 red+green+blue
120-134 white
135-149 red+white
150-164 green+white
165-179 red+green+white
180-194 blue+white
195-209 red+blue+white

210-224 green+blue+white
225-239 red+green+blue+white
240-254 off
255 red

Channel 4: led output 4

1-14 off
15-29 red
30-44 green
45-59 red+green
60-74 blue
75-89 red+blue
90-104 red+green
105-119 red+green+blue
120-134 white
135-149 red+white
150-164 green+white
165-179 red+green+white
180-194 blue+white
195-209 red+blue+white
210-224 green+blue+white
225-239 red+green+blue+white
240-254 off
255 red

Channel 5: led output 5

1-14 off
15-29 red
30-44 green
45-59 red+green
60-74 blue
75-89 red+blue
90-104 red+green
105-119 red+green+blue
120-134 white
135-149 red+white
150-164 green+white
165-179 red+green+white
180-194 blue+white
195-209 red+blue+white
210-224 green+blue+white
225-239 red+green+blue+white
240-254 off
255 red

Channel 6: strobe I: white led strobe from slow to fast
Channel 7: strobe II: LED output 1-5 strobe from slow to fast
Channel 8: preset shows, sound active
Channel 9: preset shows running adjustments

2. Sound active

Press the MENU button, till BEAT shows in the led display, confirm by pressing ENTER, then the item will run to the beat of music.

3. Auto

Press the MENU button, the following functions can be achieved by pressing ENTER:
FR03: run the preset shows, the running speed can adjust from SP00 slowest to SP99 fastest;

4. Synchronization & master /slave mode

Take one item and set the item at sound active, or auto as above, then get other items and press the button MENU, till SUB shows in the led display, confirm by pressing ENTER, then connect the items to the item at auto/sound active already set by DMX cables, disconnect the items from the DMX controller, the items will work simultaneously, the item at auto/sound active as master, the others as slave.

LED DISPLAY:

***D001 DMX address setting
***BEAT sound active
***PR.03 preset shows
***SP.00 running speeds
***SUB. slave

TECHNICAL SPECIFICATIONS

Power supply: 90-240V AC 50/60Hz
Power consumption:60W
DMX-control-channels:9
DMX-512-connection: 3-pin XLR
Number of LEDs: 282 long life MCD LEDs
Dimensions: 310*310*230mm
Weight:4.0kgs

Please note: Information is subject to change without prior notice.